L Number	Hits	Search Text	DB	Time stamp
1	704	250/287	USPAT;	2003/05/27 12:54
-		2007 201	US-PGPUB	2003/03/2/ 12:34
2	580	250/287 and spectromet\$3	USPAT;	2003/05/27 12:44
			US-PGPUB	2000,00,2, 12.14
3	9	("5248875" "5625184" "5627369"	USPAT	2003/05/27 12:53
		"5753909" "5760393" "6140638"		
		"6331702" "6348688" "6441369").PN.		
4	461	250/287.ccls.	USPAT;	2003/05/27 12:57
			US-PGPUB	
9	324	250/287.ccls. and @ad<20000210	USPAT;	2003/05/27 13:24
			US-PGPUB	
10	296	(250/287.ccls. and @ad<20000210) and	USPAT;	2003/05/27 16:40
		spectromet\$3	US-PGPUB	
13	0	((250/287.ccls. and @ad<20000210) and	USPAT;	2003/05/27 17:17
		spectromet\$3) and "zig\$2zag"	US-PGPUB	
11	27	1 , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/05/27 16:13
		spectromet\$3) and einzel	US-PGPUB	
14	169	,, , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/05/27 16:41
		spectromet\$3) and puls\$3 and electrode	US-PGPUB	
15	15	((250/287.ccls. and @ad<20000210) and	USPAT;	2003/05/27 16:41
		spectromet\$3) and (puls\$3 same electrode	US-PGPUB	
1.6		same repel\$3)		
16	0	((250/287.ccls. and @ad<20000210) and	USPAT;	2003/05/27 17:09
1.0		spectromet\$3) and (capacitor adj field)	US-PGPUB	
12	46	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USPAT;	2003/05/27 17:10
	0.6	spectromet\$3) and capacitor	US-PGPUB	
_	26	spectromet\$2 and puls\$3 and gridless and	USPAT;	2003/05/23 17:03
		(diaphragm or aperture) and reflect\$3 and	US-PGPUB	
	1.0	detect\$3	Habra	0000 /05 /00 17 04
-	16	(spectromet\$2 and puls\$3 and gridless and (diaphragm or aperture) and reflect\$3 and	USPAT;	2003/05/23 17:24
		detect\$3) and axis	US-PGPUB	
_	2822	puls\$3 same beam same (lateral\$2 or	USPAT;	2003/05/23 17:25
	2022	perpendicular)	US-PGPUB	2003/03/23 17:23
i _	4393	(puls\$3 or accelerat\$3) same beam same	USPAT;	2003/05/23 17:25
	1333	(lateral\$2 or perpendicular)	US-PGPUB	2003/03/23 17.23
_	4664	(puls\$3 or accelerat\$3) same beam same	USPAT;	2003/05/23 17:26
		(lateral\$2 or perpendicular\$2)	US-PGPUB	2003/03/23 17:20
_	275	((puls\$3 or accelerat\$3) same beam same	USPAT;	2003/05/23 17:26
		(lateral\$2 or perpendicular\$2)) and	US-PGPUB	2000,00,20 1,120
		spectromet\$2		
_	207	(((puls\$3 or accelerat\$3) same beam same	USPAT;	2003/05/23 17:41
		(lateral\$2 or perpendicular\$2)) and	US-PGPUB	
		spectromet\$2) and axi\$4		
-	6	((((puls\$3 or accelerat\$3) same beam same	USPAT;	2003/05/23 17:39
		(lateral\$2 or perpendicular\$2)) and	US-PGPUB	
		spectromet\$2) and axi\$4) and gridless		
-	7	(((puls\$3 or accelerat\$3) same beam same	USPAT;	2003/05/23 17:39
		(lateral\$2 or perpendicular\$2)) and	US-PGPUB	
		spectromet\$2) and gridless		
-	109	((((puls\$3 or accelerat\$3) same beam same	USPAT;	2003/05/23 17:41
		(lateral\$2 or perpendicular\$2)) and	US-PGPUB	1 11/1
		spectromet\$2) and axi\$4) and reflect\$3 and		
		detect\$3		0000405400 55
-	66	(((((puls\$3 or accelerat\$3) same beam same	USPAT;	2003/05/23 17:42
		(lateral\$2 or perpendicular\$2)) and	US-PGPUB	1
		spectromet\$2) and axi\$4) and reflect\$3 and		
_	66	<pre>detect\$3) and (aperture or diaphragm) ((((((puls\$3 or accelerat\$3) same beam</pre>	IICDAM.	2002/05/27 10 01
	00		USPAT;	2003/05/27 10:21
		<pre>same (lateral\$2 or perpendicular\$2)) and spectromet\$2) and axi\$4) and reflect\$3 and</pre>	US-PGPUB	
		detect\$3) and (aperture or diaphragm)) and		
1		beam detect(3) and (aperture or diaphragm)) and		
_ 1	1706	250/281	USPAT;	2003/05/27 10:21
	1,00	200/201	US-PGPUB	2003/03/27 10:21
_	1560	250/282	USPAT;	2003/05/27 10:21
	1000		US-PGPUB	2003/03/2/ 10:21
_	473	250/283	USPAT;	2003/05/27 10:21
1	1,0	· - 	US-PGPUB	2000, 00, 21
			OD LOTOD	

- 1696 250/288 US-PGPUB US-		290	250/200		[0000 405 405 40
- 1696 250/288 USPAT; US-PGPUB 2003/05/27 10:23 USPAT; US-PGPUB USPAT; US-	-	290	250/286	USPAT;	2003/05/27 10:22
- 346 250/290 US-PGPUB USPAT; 2003/05/27 10:23 US-PGPUB USPAT;	•				
- 346 250/290 USPAT; US-PGPUB	-	1696	250/288	USPAT;	2003/05/27 10:23
- 581 250/292				US-PGPUB	
- 25 (250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2) ((250/281 or 250/282 or 250/283 or 250/286 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2) ((250/281 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 or 250/286 or 250/287 or 250/288 or 250/280 or 250/290 or 250/281 or 250/288 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 or 250/292 or 250/292 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2) and spectromet\$3 (SPAT; US-PGPUB USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US	-	346	250/290	USPAT;	2003/05/27 10:23
- 25 (250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2) or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 (((250/281 or 250/282 or 250/283 or 250/283 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 (((250/281 or 250/282 or 250/283 or 250/290 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or lateral\$2)) and puls\$3 or 250/292 and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 and spectromet\$3 franzen.in. 295 franzen.in. 81 franzen-jochen.in. and spectromet\$3 Franzen-jochen.in. and spectromet\$3 Franzen-jochen.in. and spectromet\$3 Franzen-jochen.in. and spectromet\$3 SPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB				US-PGPUB	
- 25 (250/281 or 250/282 or 250/283 or 250/286 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2) - 22 ((250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 - 21 (((250/281 or 250/282 or 250/283 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 - 21 (((250/281 or 250/282 or 250/283 or 250/290 or 250/292) and gridless and (perpendicular\$2 or 250/292 or 250/292 or 250/293 or 250/293 or 250/293 or 250/292) and gridless and (perpendicular\$2 or lateral\$2)) and puls\$3) and spectromet\$3 - 295 franzen.in 39 franzen-jochen.in. and spectromet\$3 - 39 franzen-jochen.in. and spectromet\$3 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29 - 303/05/27 10:29	i -	581	250/292	USPAT:	2003/05/27 10-24
- 25 (250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2) or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 (((250/281 or 250/282 or 250/283 or 250/283 or 250/286 or 250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/280 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and spectromet\$3 franzen.in. 295 franzen.in. 81 franzen-jochen.in. and spectromet\$3 79 franzen-jochen.in. and spectromet\$3 USPAT; US-PGPUB				1	2000,00,2, 10.21
or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2) (22 ((250/281 or 250/282 or 250/283 or 250/286 or 250/297 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 (((250/281 or 250/282 or 250/283 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3) and spectromet\$3 franzen.in. 295 franzen.in. 81 franzen-jochen.in. 79 franzen-jochen.in. and spectromet\$3 USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	_	25	(250/281 or 250/282 or 250/283 or 250/286	1	2003/05/27 10:25
250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2) 22 ((250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 21 (((250/281 or 250/282 or 250/283 or 250/290 or 250/286 or 250/287 or 250/288 or 250/290 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 or lateral\$2) and spectromet\$3 295 franzen.in. 295 franzen.in. 81 franzen-jochen.in. and spectromet\$3 Franzen-jochen.in. and spectromet\$3 USPAT; US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGPUB					2003/03/27 10.23
or orthogonal\$2 or lateral\$2) ((250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 (((250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 and spectromet\$3 - 295 franzen.in. 81 franzen-jochen.in. uspat; 79 franzen-jochen.in. and spectromet\$3 79 franzen-jochen.in. and spectromet\$3 VSPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB 2003/05/27 10:29 USPAT; US-PGPUB 2003/05/27 10:29 2003/05/27 10:30				US-FGFUB	
22			or orthogonal(2) or leteral(2)		
or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 - 21 (((250/281 or 250/282 or 250/283 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3) and spectromet\$3 - 295 franzen.in. USPAT; USPAT; USPGPUB 81 franzen-jochen.in. USPAT; USPGPUB 79 franzen-jochen.in. and spectromet\$3 USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB		22			0000405405 00
250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3 (((250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3) and spectromet\$3 295 franzen.in. 81 franzen-jochen.in. 9 franzen-jochen.in. and spectromet\$3 79 franzen-jochen.in. and spectromet\$3 0USPAT; US-PGPUB	_	22			2003/05/27 10:26
or orthogonal\$2 or lateral\$2)) and puls\$3 (((250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3) and spectromet\$3 295 franzen.in. 81 franzen-jochen.in. 79 franzen-jochen.in. and spectromet\$3 USPAT; US-PGPUB				US-PGPUB	1
21 (((250/281 or 250/282 or 250/283 or 250/286 or 250/287 or 250/288 or 250/290 or 250/292) and gridless and (perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3) and spectromet\$3 - 295 franzen.in. 81 franzen-jochen.in. 79 franzen-jochen.in. and spectromet\$3 Franzen-jochen.in. and spectromet\$3 USPAT; US-PGPUB			250/292) and gridless and (perpendicular\$2		
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<pre>(perpendicular\$2 or orthogonal\$2 or lateral\$2)) and puls\$3) and spectromet\$3 - 295 franzen.in. 81 franzen-jochen.in. 79 franzen-jochen.in. and spectromet\$3 USPAT; USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPAT;</pre>			or 250/292) and gridless and		
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- 295 franzen.in. USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB US-PGPUB US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB					
- 81 franzen-jochen.in. US-PGPUB US-PGPUB US-PGPUB - 79 franzen-jochen.in. and spectromet\$3 US-PGPUB US-PGPUB US-PGPUB	_	295		HCDAT.	2002/05/27 10.20
- 81 franzen-jochen.in. USPAT; US-PGPUB - 79 franzen-jochen.in. and spectromet\$3 USPAT; US-PGPUB USPAT; USPAT; USPAT; US-PGPUB		233	Tranzen. In.	,	2003/03/27 10:29
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79 franzen-jochen.in. and spectromet\$3 USPAT; USPAT; US-PGPUB	-	81	rranzen-jochen.in.		2003/05/27 10:29
US-PGPUB					
	-	79	franzen-jochen.in. and spectromet\$3	USPAT;	2003/05/27 10:30
- 11 (franzen-jochen.in. and spectromet\$3) and USPAT: 2003/05/27 10:40				US-PGPUB	
\	-	11	(franzen-jochen.in. and spectromet\$3) and	USPAT;	2003/05/27 10:40
gridless and puls\$3 US-PGPUB			gridless and puls\$3	US-PGPUB	